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**From:** Fennessy, Christopher [christopher.fennessy@Rocket.com]  
**Sent:** 11/6/2017 6:13:24 PM  
**To:** Keller, Lynn [Keller.Lynn@epa.gov]; MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov) [Peter.MacNicholl@dtsc.ca.gov]; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov) [Alex.MacDonald@waterboards.ca.gov]  
**CC:** Kraemer, Sue (Sue.Kraemer@aptim.com) [Sue.Kraemer@aptim.com]; sforbess@Geosyntec.com  
**Subject:** RE: Action Items from October 26 Meeting  
**Attachments:** La\_TCE\_A40\_2017.pdf; 154153\_026\_Area40\_new\_locs.pdf; Area 40 2017 Investigation Results.xlsx; La\_Perc\_A40\_2017.pdf

Same e-mail with files un-zipped.

**Christopher M. Fennessy, P.E.**  
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**From:** Fennessy, Christopher  
**Sent:** Monday, November 06, 2017 9:35 AM  
**To:** Keller, Lynn (Keller.Lynn@epa.gov); MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov); MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)  
**Cc:** Kraemer, Sue (Sue.Kraemer@aptim.com); sforbess@Geosyntec.com  
**Subject:** Action Items from October 26 Meeting

Hi Everyone – Based upon our discussion on October 26, I am attaching the following documents:

1. Area 40 Ambient Air data figures
2. Updated Area 40 Conceptual Site Model
3. Updated Area 40 table of Land Use Covenants
4. Figures showing most recent Area 40 sample locations and data table (a couple are still being collected)

We discussed during the meeting that the revised Final Area 40 HHERA and the revised Draft Area 40 FS would be submitted in mid-November. We are still on that schedule. Per our discussion, we are screening out the cap alternative and the ISCR alternative. This leaves us with the following remaining alternatives:

1. No Action (includes all the LUCs and the existing 50 foot PRB)

Rest of alternatives include LUCs, fencing around northern source areas, excavation in the south, PRB at Prairie City Road, capture of dilute plume by GET AB

2. In-Situ Chemical Reduction at the northern source areas
3. PRB immediately down-gradient of northern source areas
4. Excavation of 50x50x12 area around both former northern source area sumps. Trench to groundwater and install slotted pipe for potential injection of ISCR, backfill with permeable material and install slotted pipe for potential SVE, backfill with low permeability cover. Disposal of soil off-site
5. Same as 3, except treatment of soil on AR property within 8500 acre operating facility.

Let me know if you need anything else. Chris

**Christopher M. Fennessy, P.E.**

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